

ABSTRACT

When a needle and thread are attached with caulking, the needle easily falls off, and the needle easily slips when held with a needle holder, and the processing expense is high. When a needle breaks inside the tissue, the broken part is very difficult to be removed, and creates a severe situation. Surgical knot fastening is troublesome, and the knots often get loosened. To solve these issues, a metal needle is insert-moulded to one end of resin made suture material. The resin suture material is in a sash form, the surface of the sash has a multiple number of serial projections for prevention of untwining, the other end is made in a box form, the inside of the box is formed to receive the untwine-prevention projections, and thus the suture part is gradually fastened and fixed. The manufacturing method is that the needle which is insert-moulded is a curved needle, and the sash is formed so that the needle would stand perpendicular to the sash suture material plane.